

**Figure 12** indicates a cut-away elevation view of Alternative Configuration "D" voided interior *15* in relation to the oak slab *5*.

**Figure 13** indicates an end-on cross-section detail of Alternative Configuration "D" internal void *15* in relation to the oak slab *5*.

**Figure 14** indicates end-on cross-section detail of Alternative Configuration "B" air cap *13* and sealant *16* in relation to oak slab *5* and bores *6*.

**Figure 15** indicates end-on cross-section detail of Alternative Configuration "C" transverse slot *14* in relation to oak slab *5* and bores *6*.

### **Claims**

With the above disclosures, the following claims are made:

1. A device to pneumatically innerconnect multiple air passages in cored oak slabs used for maturing wine comprised of:
  - a. Impermeable food grade material and
  - b. Air intake and air exit ports to allow connection from one said oak slab to another or to an external air environment and
  - c. A method of sealing said device to said oak slab comprised of a food grade sealant or neoprene grommet.
2. The device in Claim1 where said pneumatic innerconnect is accomplished by a cast neoprene manifold with ports aligned to match said cores in said oak slabs.
3. The device in Claim1 where said pneumatic innerconnect is accomplished by air loops constructed of cast neoprene, plastic or stainless steel and connected from one said core to another said cores in said oak slabs.